**Amendments to the Specification:**

Please replace the paragraph appearing at page 12, lines 11-15, with the following amended paragraph:

~~Figure 5 is a~~ <u>Figures 5A and 5B are</u> simplified ~~diagram~~ <u>diagrams</u> of a section of a computer network, such as the Internet, showing an embodiment of a control means whereby the PC, when idled by its user, is made available to the network for shared processing operations.

Please replace the paragraph appearing at page 13, lines 2-17, with the following amended paragraph:

Figures ~~10A-10I~~ <u>10A-10Q</u> are simplified diagrams of a section of a computer network, such as the Internet, showing an embodiment of a system architecture utilizing a firewall to separate that part of a networked PC (including a system reduced in size to a microchip) that is accessible to the network for shared processing from a part that is kept accessible only to the PC user; also showing the alternating role that preferably each PC in the network can play as either a master or slave in a shared processing operation involving one or more slave PC's in the network; and showing a home or business network system, which can be configured as an Intranet; in addition, showing PC and PC microchips controlled by a controller (including remote) with limited or no processing capability; and showing PC and PC microchips in which a firewall 50 is can be reconfigured by a PC user.